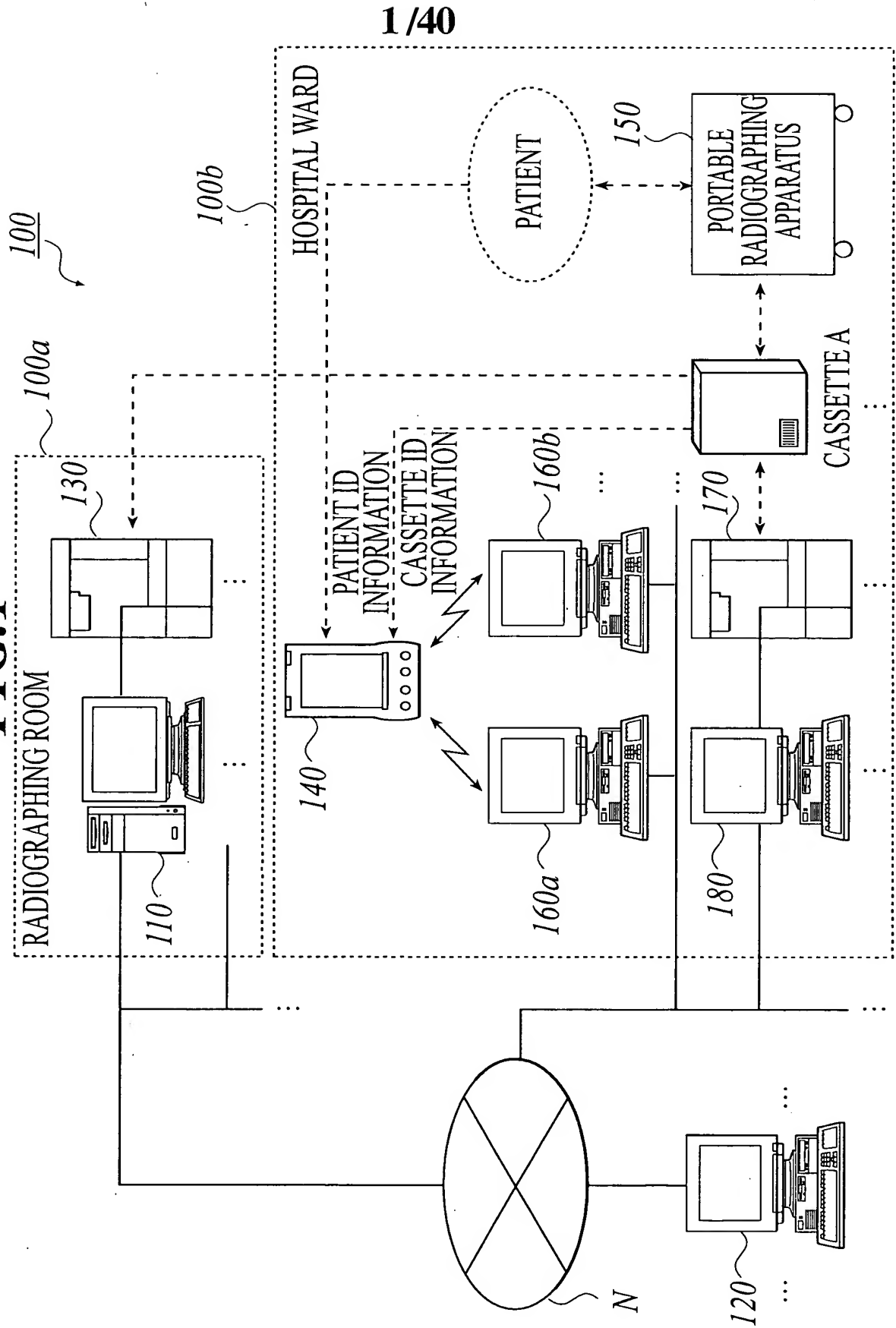
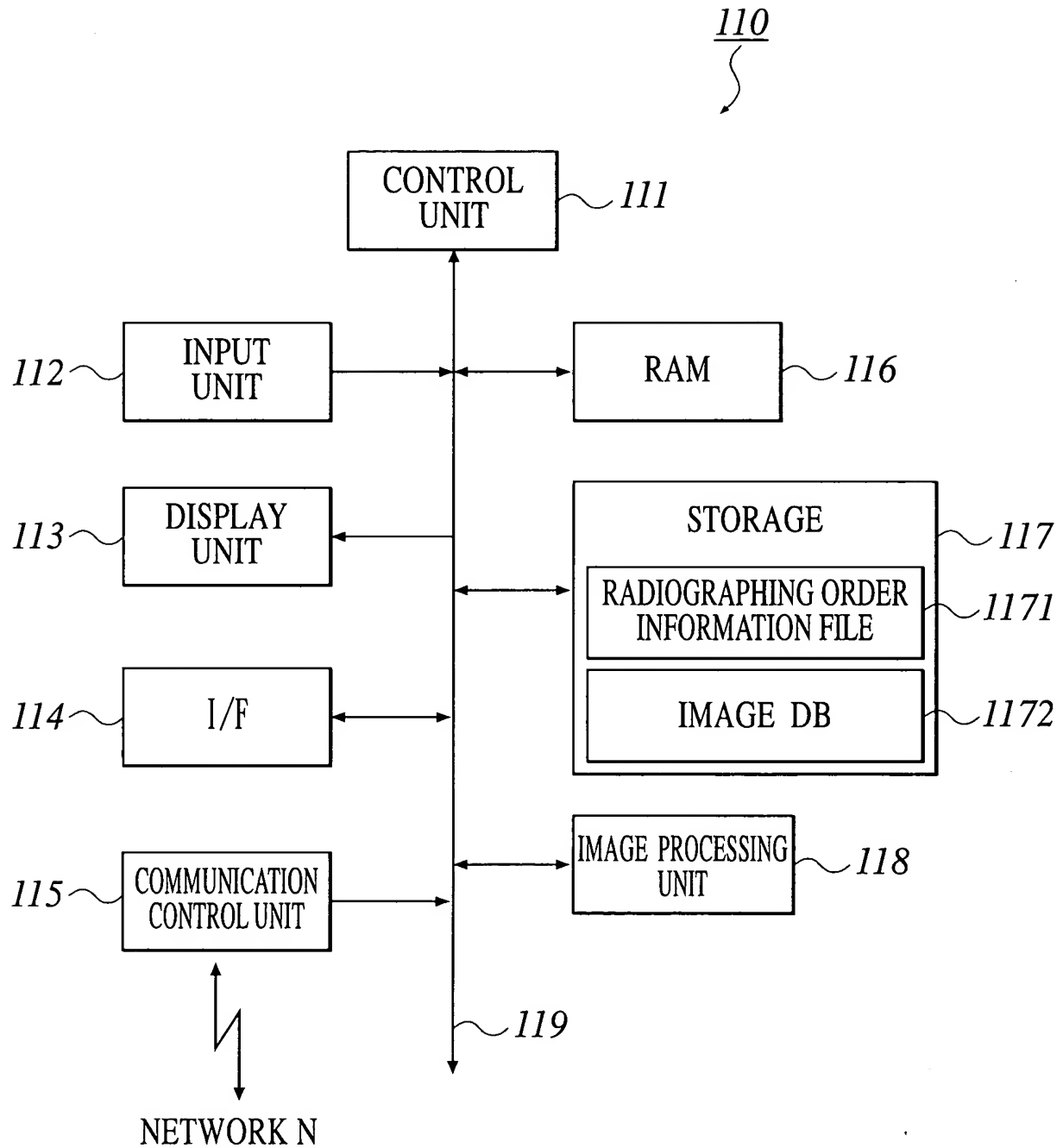


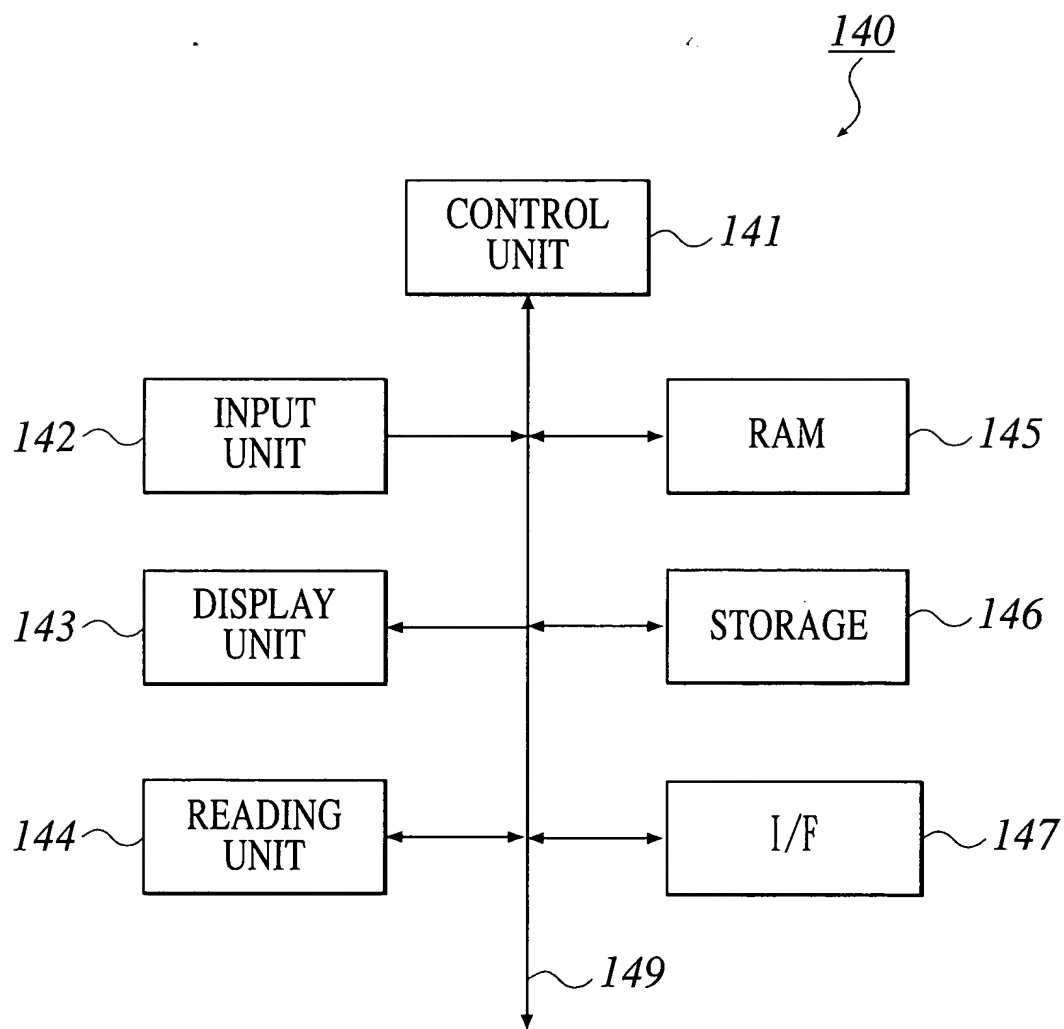
FIG.1



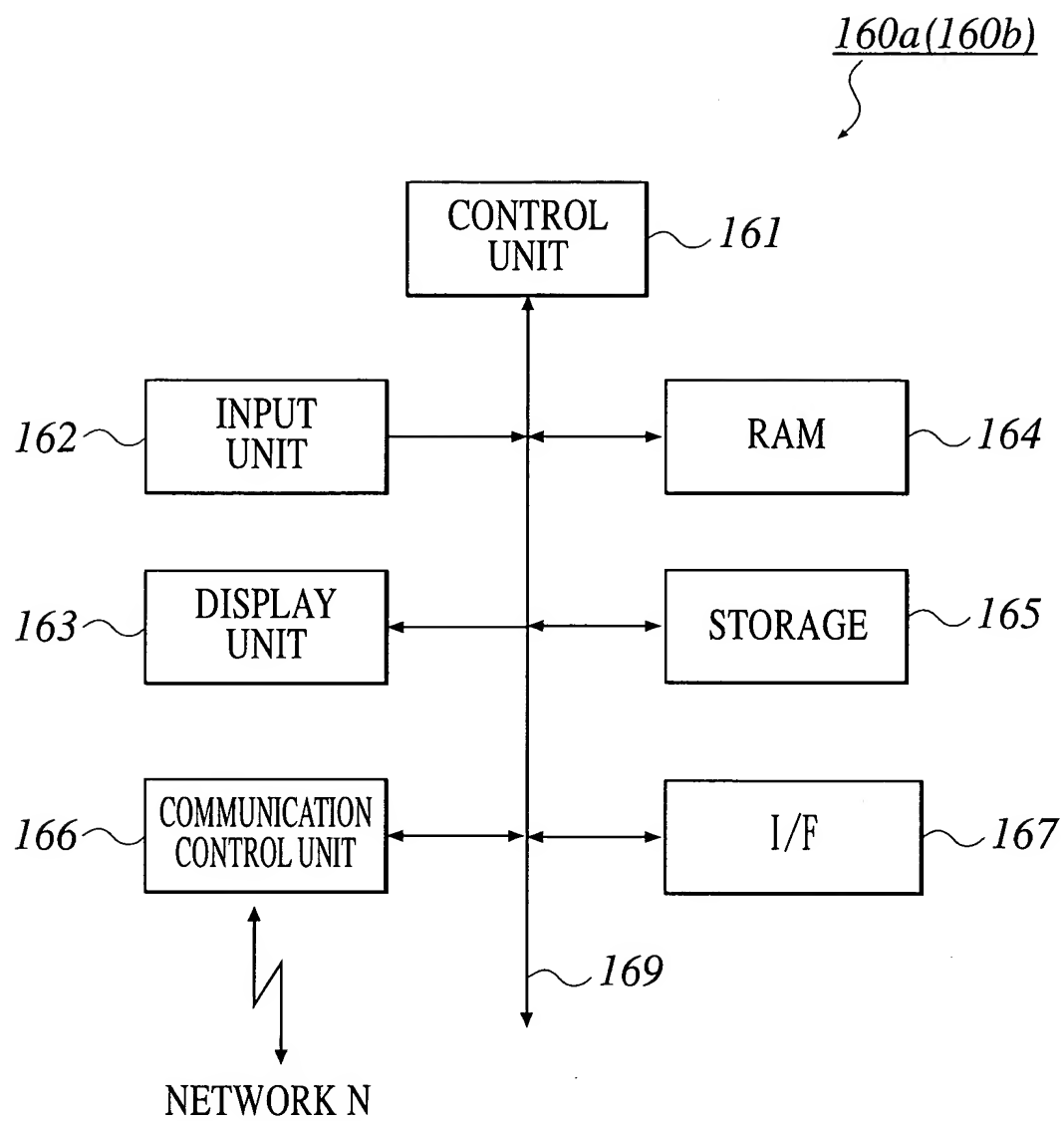
2/40
FIG. 2



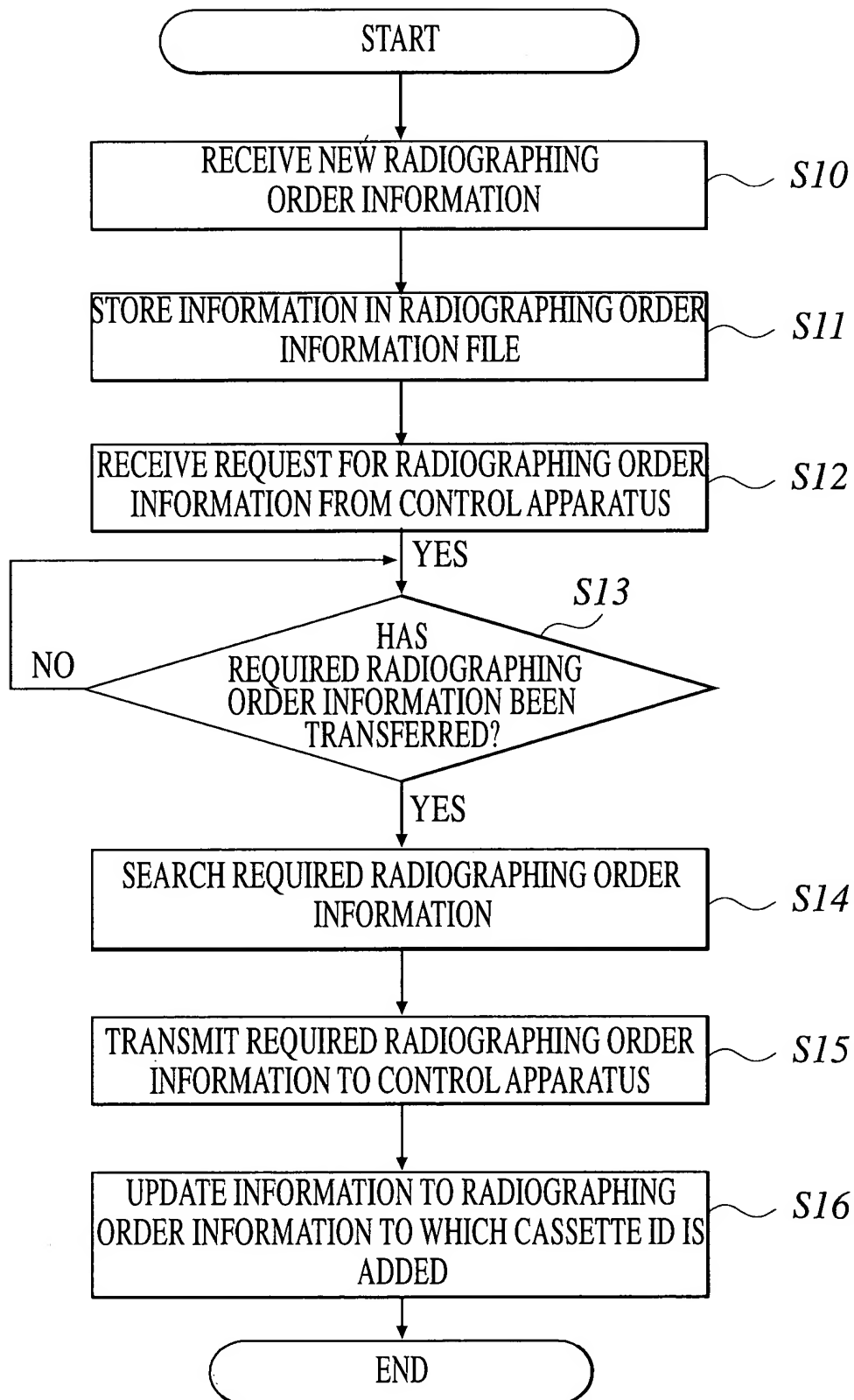
3/40
FIG.3



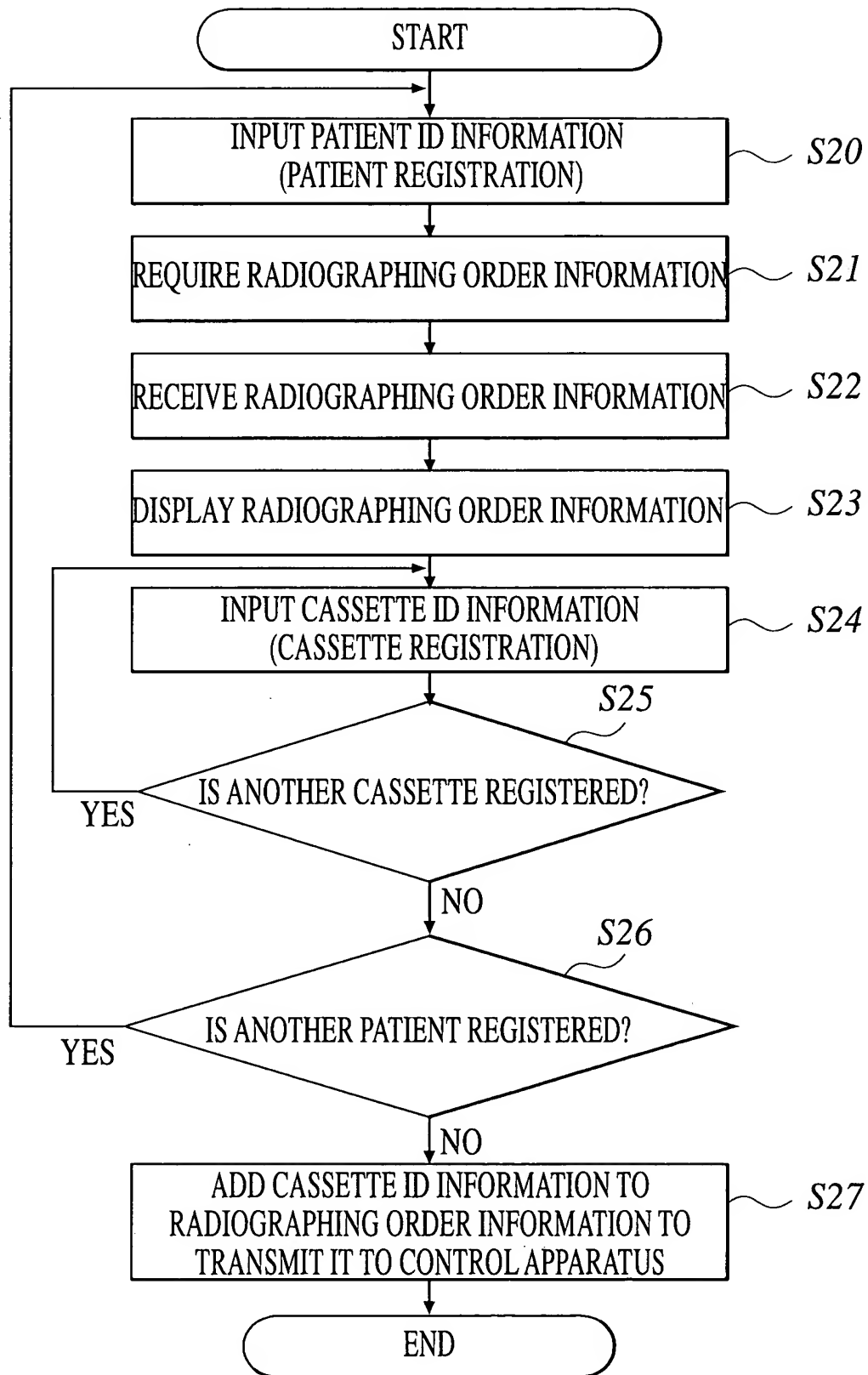
4/40
FIG.4



5/40
FIG. 5



6/40
FIG. 6



7/40
FIG. 7

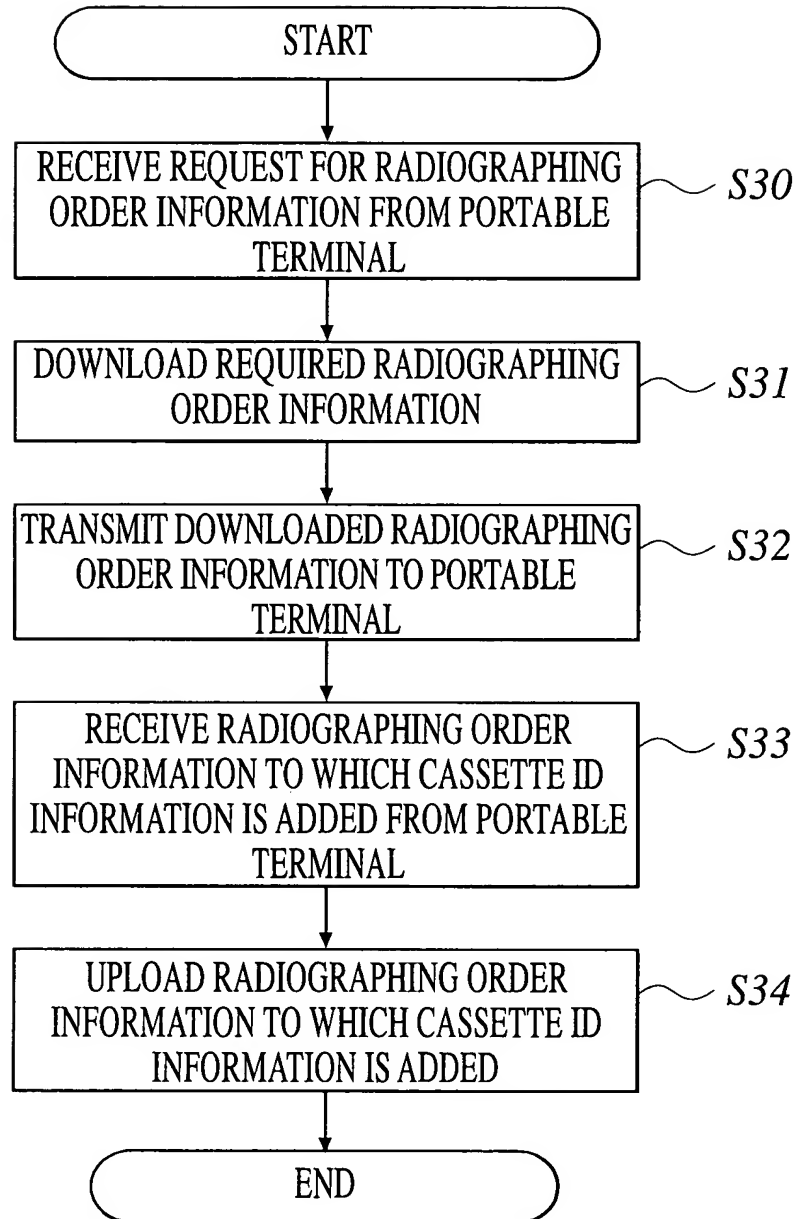
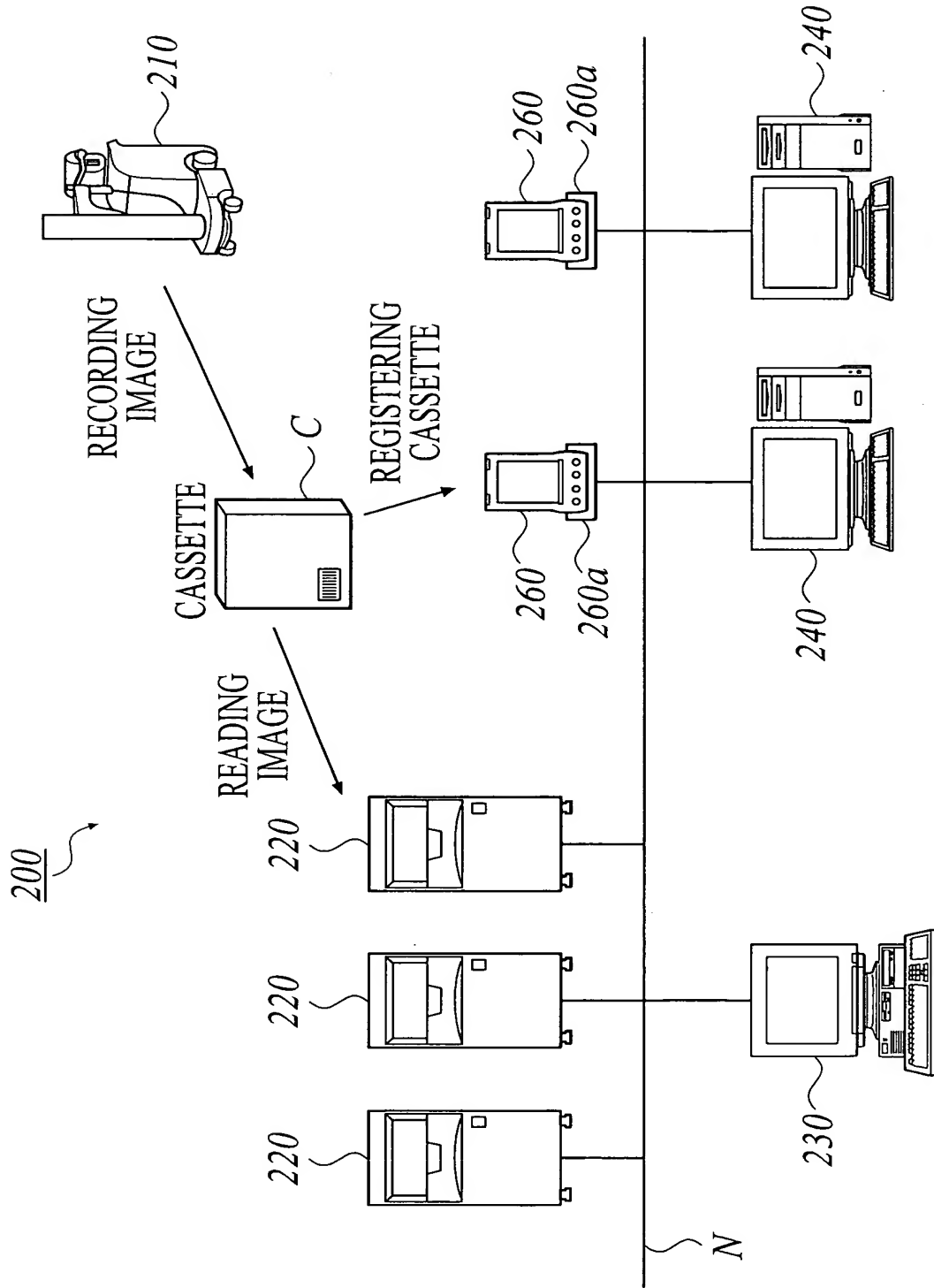


FIG. 8



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FIG. 9

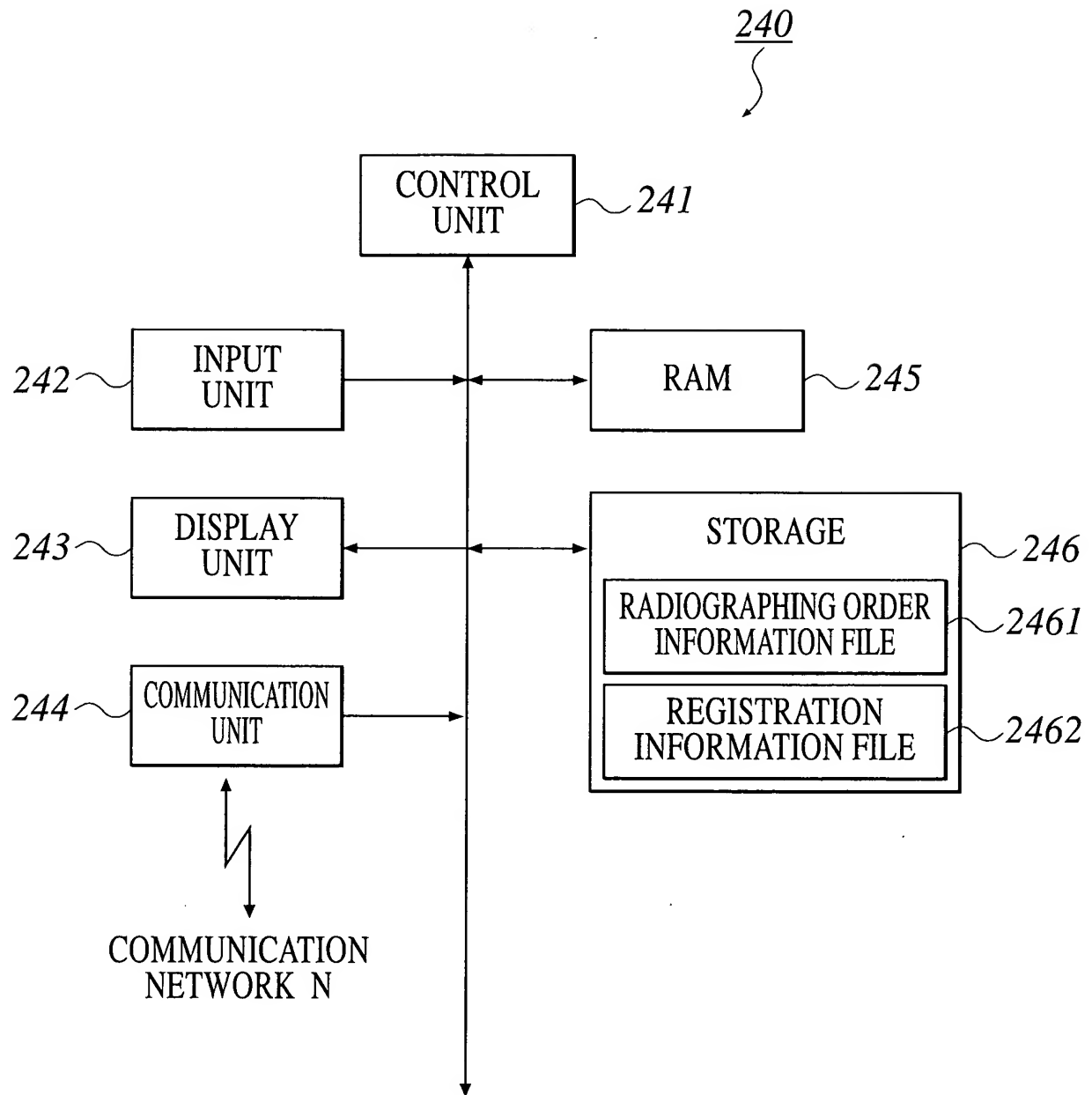


FIG. 10

2461

| PATIENT INFORMATION | | | | RADIOGRAPHING INFORMATION | | |
|---------------------|------------|---------------|------|---------------------------|-------------------------|-------------------|
| ORDER ID | PATIENT ID | PATIENT NAME | SEX | ... | RADIOGRAPHING CONDITION | RADIOGRAPHED DATE |
| 0001 | 01212 | TARO SAKURA | MALE | ... | INFANT CHEST-AP | 2002/03/15 |
| 0002 | 01212 | TARO SAKURA | MALE | ... | INFANT CHEST-LAT | 2002/03/15 |
| 0003 | 03434 | ICHIRO YAMADA | MALE | ... | SKULL-AP | 2002/03/16 |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |

| | TRANSMITTED FLAG | RADIOGRAPHED FLAG |
|--|------------------|-------------------|
| | ON | ON |
| | ON | OFF |
| | OFF | OFF |
| | ⋮ | ⋮ |

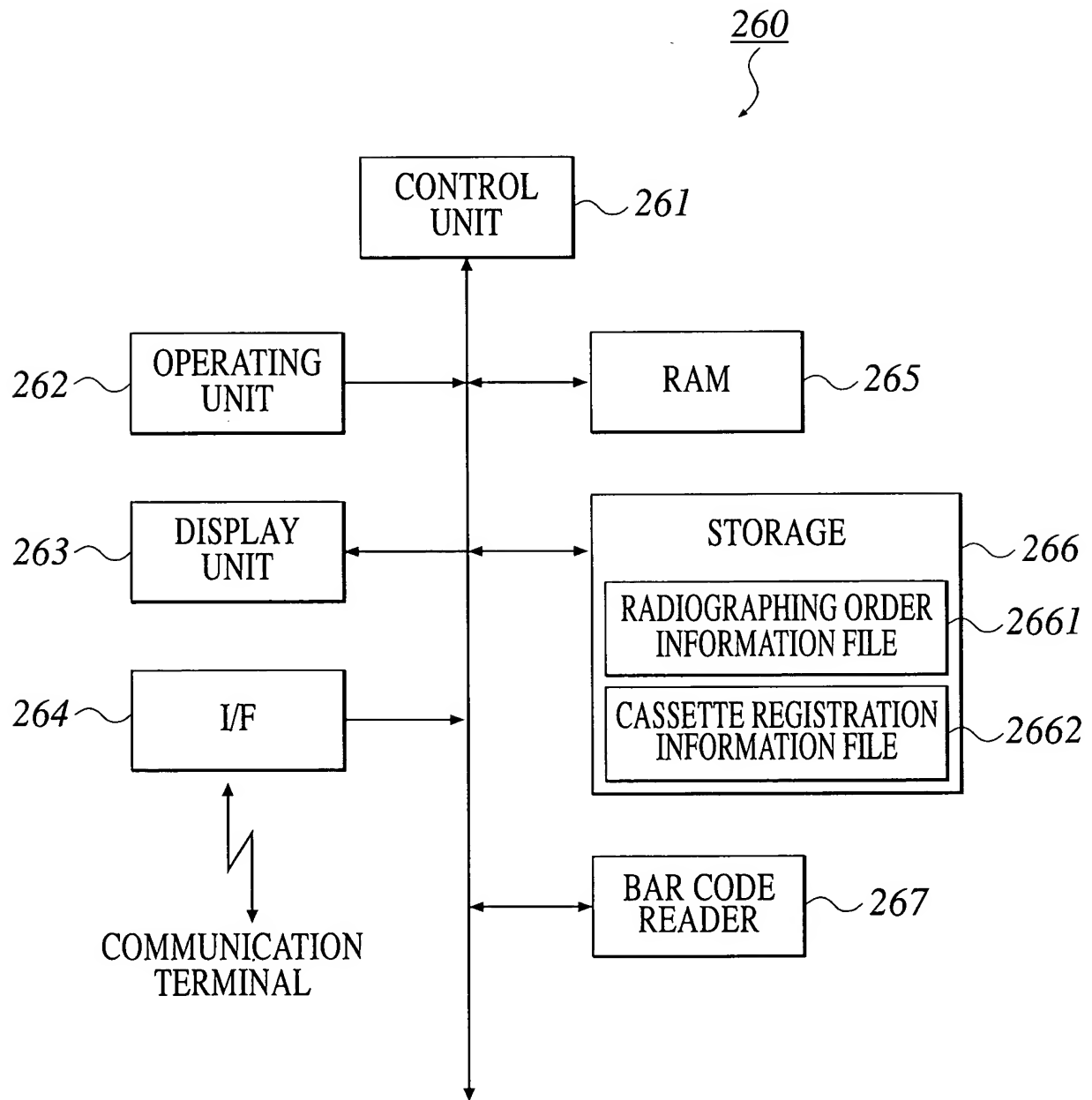
11 /40
FIG. 11

2462



| ORDER ID | CASSETTE ID | MEDICAL IMAGE FILE NAME |
|----------|-------------|-------------------------|
| 0001 | 12345 | 12345.jpg |
| 0002 | 12333 | 12333.jpg |
| 0007 | 12543 | NOT REGISTERED |
| ⋮ | ⋮ | ⋮ |

12/40
FIG.12



13/40
FIG.13

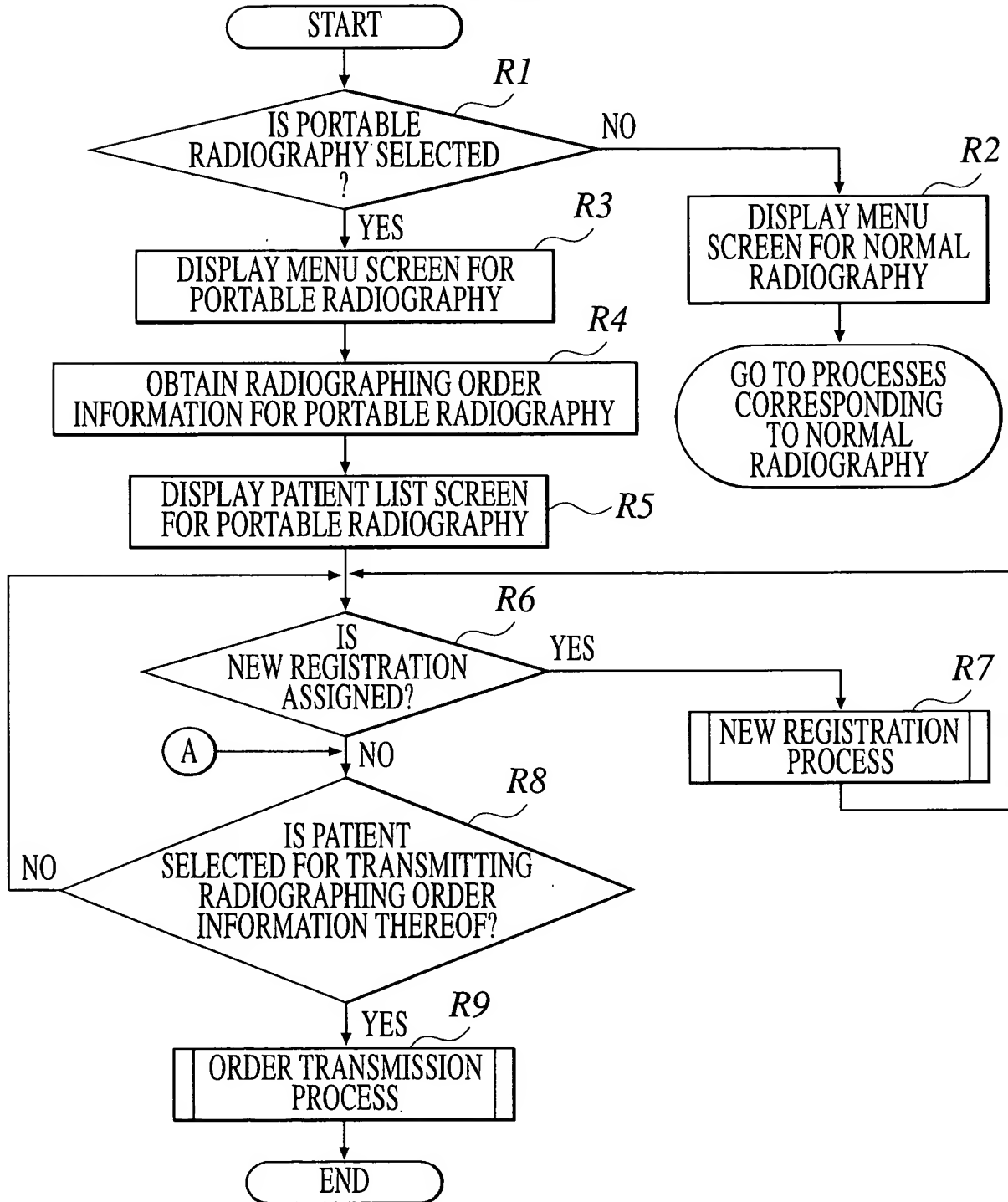


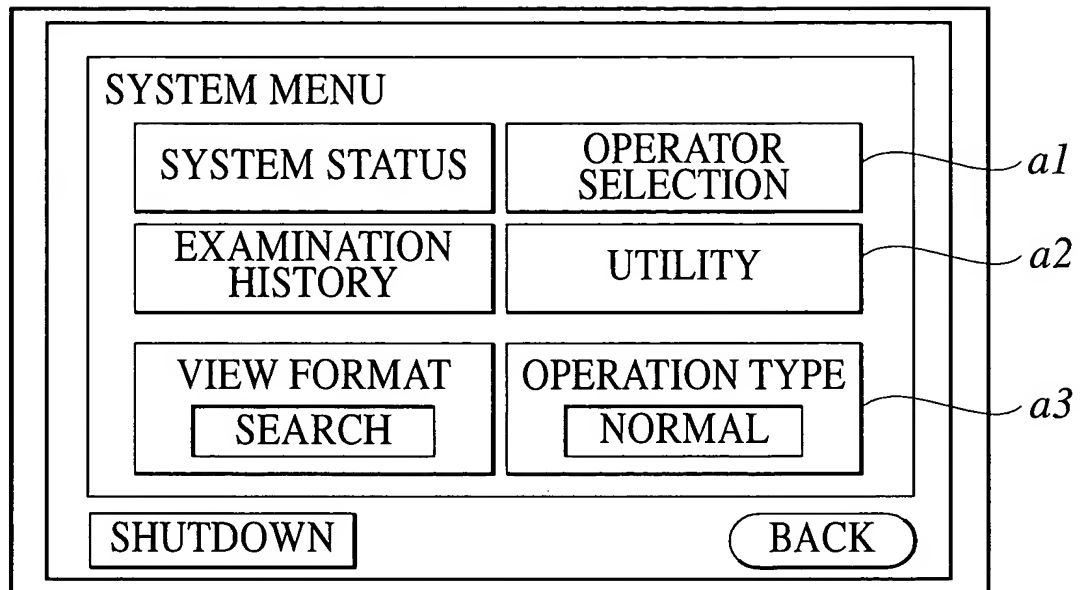
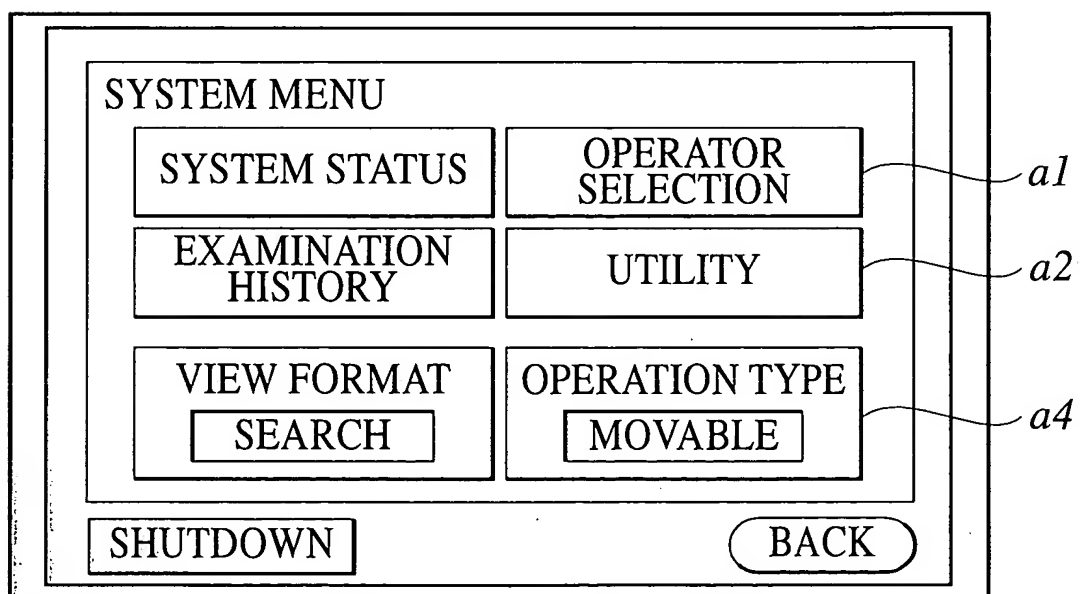
FIG. 14A2431a**FIG. 14B**2431b

FIG.15

2432

OPERATOR:TARO SUZUKI

FILTER

SCHEDULE 2

ITEM

SUSPEND 0

ITEM

| PATIENT ID | PATIENT NAME | SEX | BIRTH DATE | RADIOGRAPHING CONDITION | RADIOGRAPHY COUNT | SUSPEND |
|------------|---------------|------|------------|-------------------------|-------------------|-----------|
| 03434 | ICHIRO YAMADA | MALE | / / | SKULL-AP | 0/2 | SUSPENDED |
| 01212 | TARO SAKURA | MALE | / / | INFANT CHEST-AP | 0/2 | SUSPENDED |

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SELECT ALL

TRANSMIT

RECEIVE

NEW/SEARCH

MODIFY

DELETE

SET CONDITION

SELECTING CONDITION

REFRESH

CONFIRMATION SCREEN

16/40
FIG.16

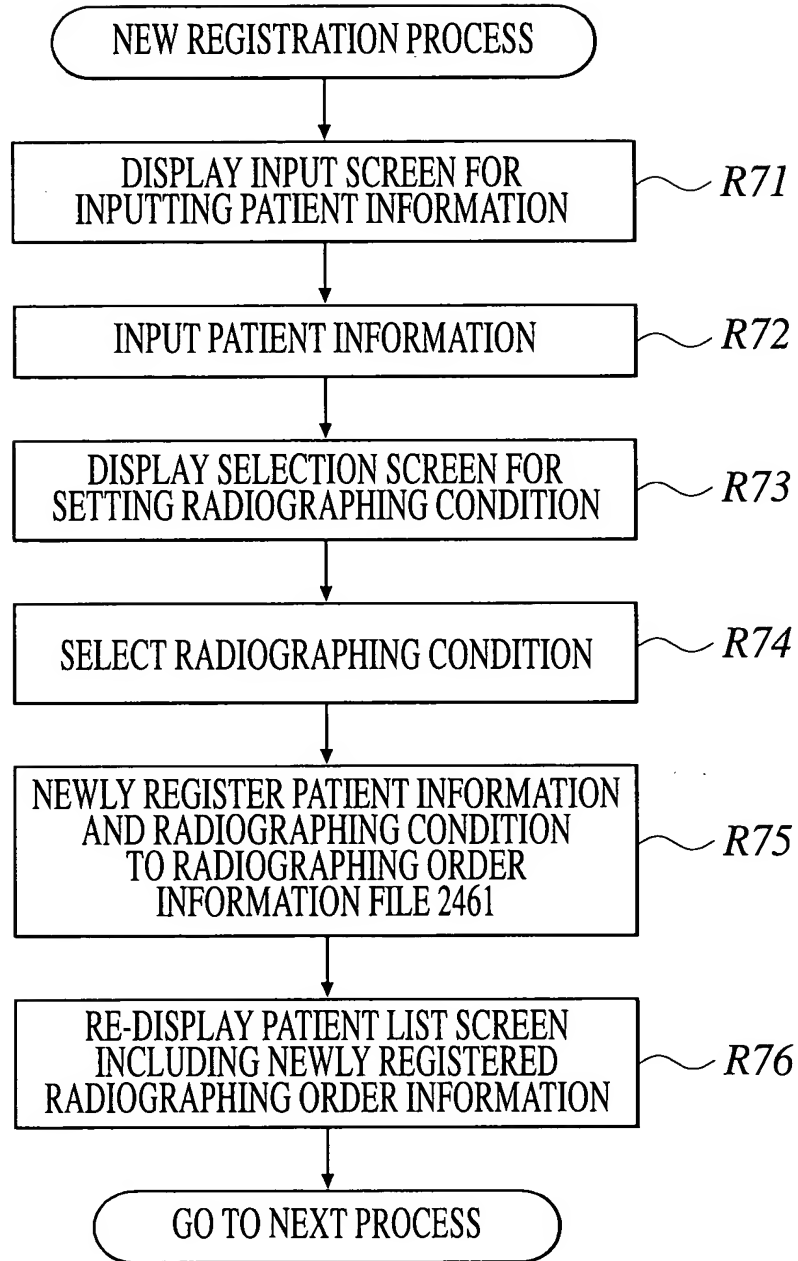


FIG.17

2433

OPERATOR : TARO SUZUKI

PATIENT ID01212

PATIENT NAME ROMAN ALPHABETSAKURA TAROU

PATIENT NAME KANAサクラ タロウ

PATIENT NAME CHINESE CHARACTER桜 太郎

SEXMALE

BIRTH DATE (AGE)1996-04-23
0CLOCK MINUTE SECOND
(6 YEARS 10 MONTHS OLD)

BIRTH DATE (WITHOUT CLOCK)1996-04-23
(6 YEARS 10 MONTHS OLD)

PATIENT COMMENTS

1/4

△△

▽▽

SEARCH

ABC/abckeyboard

a b c d e f g _

h i j k l m n @

o p q r s t u "

v w x y z , #

Caps Lock [Space] &

ENTER

DEL BS

← →

CLEAR

CANCEL

OK

c3

c1

c2

c4

FIG. 18

2434

18/40

d1

d2

d3

d4

d5

d6

| [350] | | [550] | | [170] | |
|--------------------------|---------|------------|------------|-----------|--------|
| HEAD | NECK | CHEST | ABDOMEN | SPINE | THORAX |
| UPE | LOE | INFANT | MAMMO | SPECIAL | TEST |
| ERECT CHEST | A-P | P-A | LAT | | |
| SUPINE CHEST | A-P | LAT | DECUBITUS | | |
| CHEST ETC | OBLIQUE | APICAL | EXPIRATION | PNEUMONIA | |
| INFANT CHEST | A-P | P-A | LAT | OBLIQUE | |
| INFANT CHEST AND ABDOMEN | A-P | P-A | LAT | | |
| FOLLOW-UP | A-P | INFANT A-P | | | |

[SCHEDULE]

<

>

1/5

<

>

[CANCEL]

[OK]

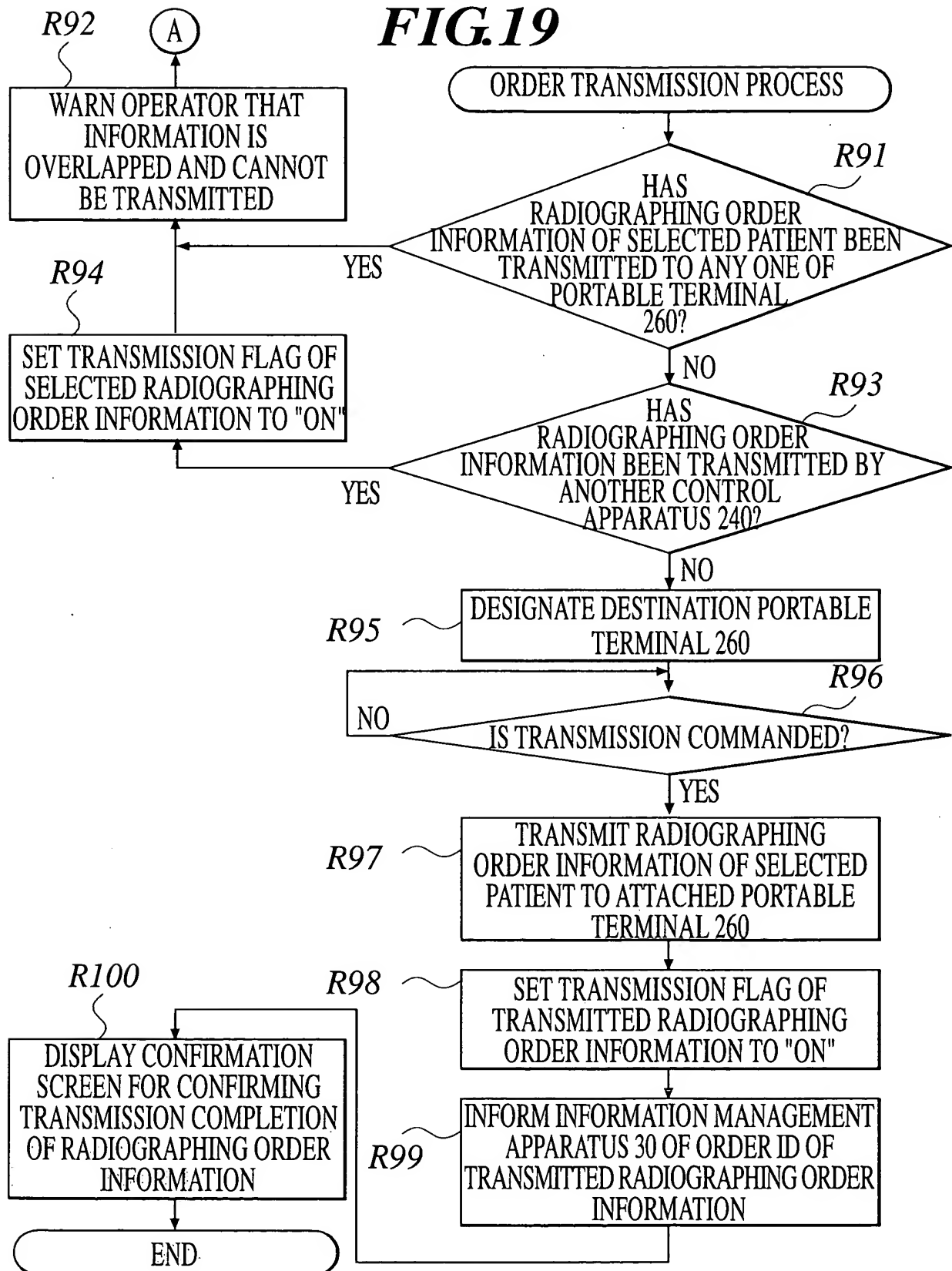
FIG. 19

FIG. 20A

2435

OPERATOR: TARO SUZUKI

FILTER

SCHEDULE 2

ITEM 0

SUSPEND 0

ITEM

| PATIENT ID | TRANSMITTING AND RECEIVING STATUS | PATIENT NAME | SEX | BIRTH DATE | RADIOGRAPHING CONDITION | RADIOGRAPHY COUNT | SUSPEND |
|------------|-----------------------------------|---------------|------|------------|-------------------------|-------------------|-----------|
| 03434 | → | ICHIRO YAMADA | MALE | / / | SKULL-AP | 0/2 | SUSPENDED |
| 01212 | ← | TARO SAKURA | MALE | / / | INFANT CHEST-AP | 0/2 | SUSPENDED |

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SELECT ALL

TRANSMIT

RECEIVE

CONFIRMATION SCREEN

REFRESH

SELECTING CONDITION

SET CONDITION

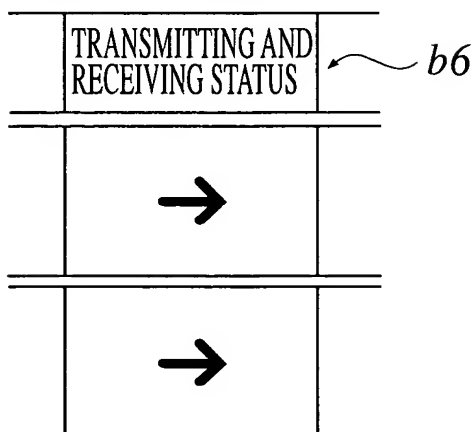
DELETE

MODIFY

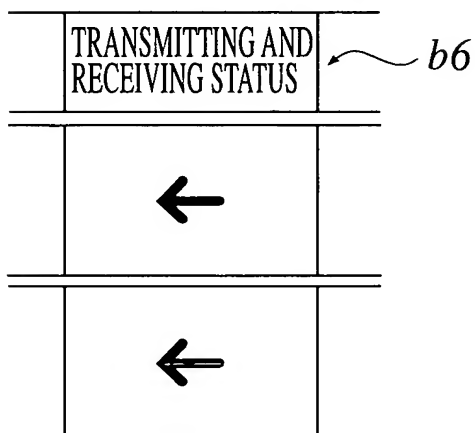
NEW/SEARCH

FIG.20B

IN A CASE THAT RADIOGRAPHING
ORDER INFORMATION ALREADY
HAS BEEN TRANSMITTED

**FIG.20C**

IN A CASE THAT CASSETTE
REGISTRATION INFORMATION
ALREADY HAS BEEN RECEIVED



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FIG. 21

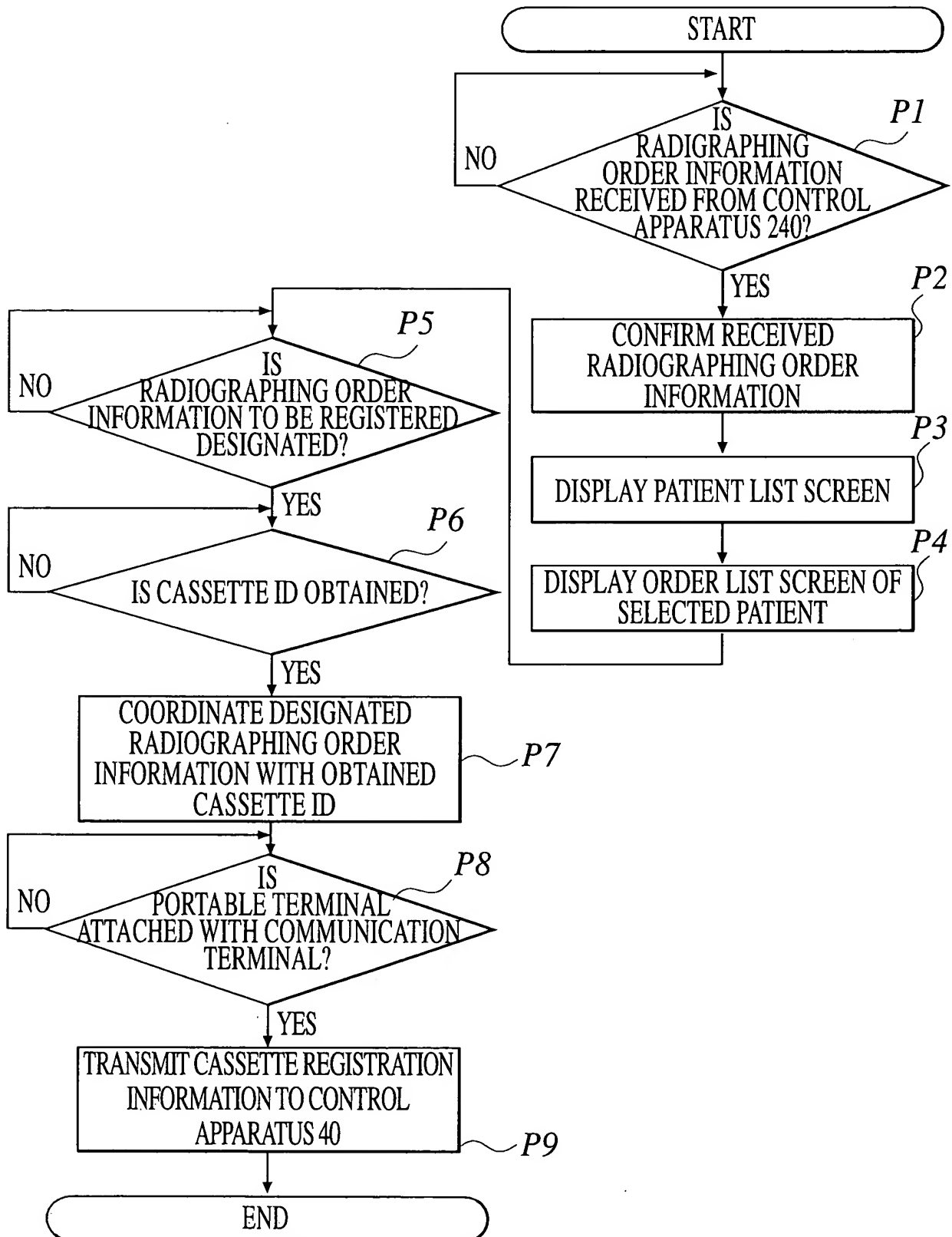


FIG.22A

2631

Operator: TARO SUZUKI

| PATIENT ID | PATIENT NAME | HOSPITAL WARD |
|------------|---------------|---------------|
| 03434 | ICHIRO YAMADA | |
| 01212 | TARO SAKURA | |
| | | |
| | | |
| | | |
| | | |

e1

FIG.22B

2362

23/40

ICHIRO YAMADA

PATIENT ID 03434

SEX M AGE

HOSPITAL WARD HOSPITAL ROOM

01/02

SKULL-AP 12544

CANCEL OK

e2 e3 e4

24/40
FIG. 23

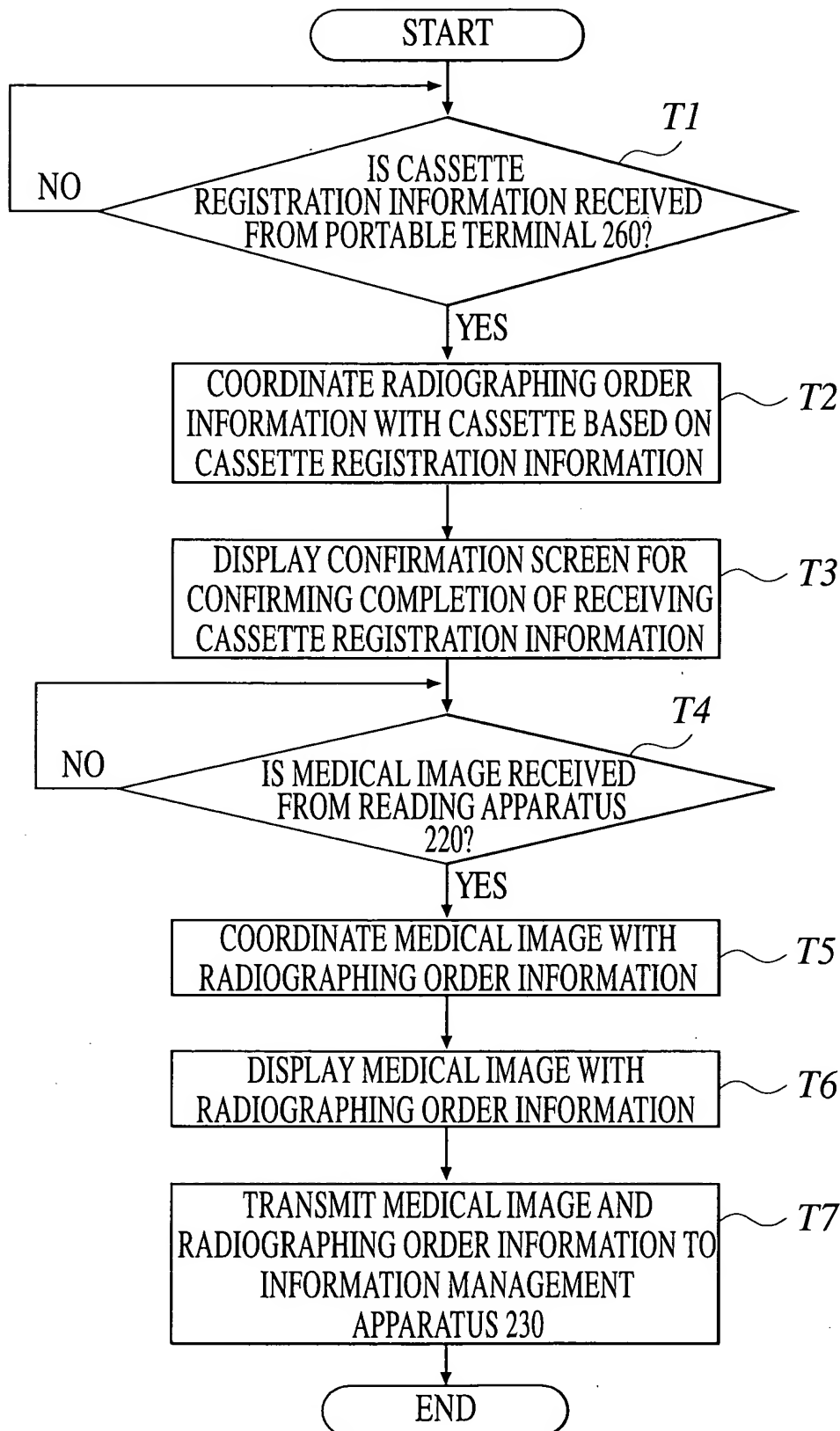
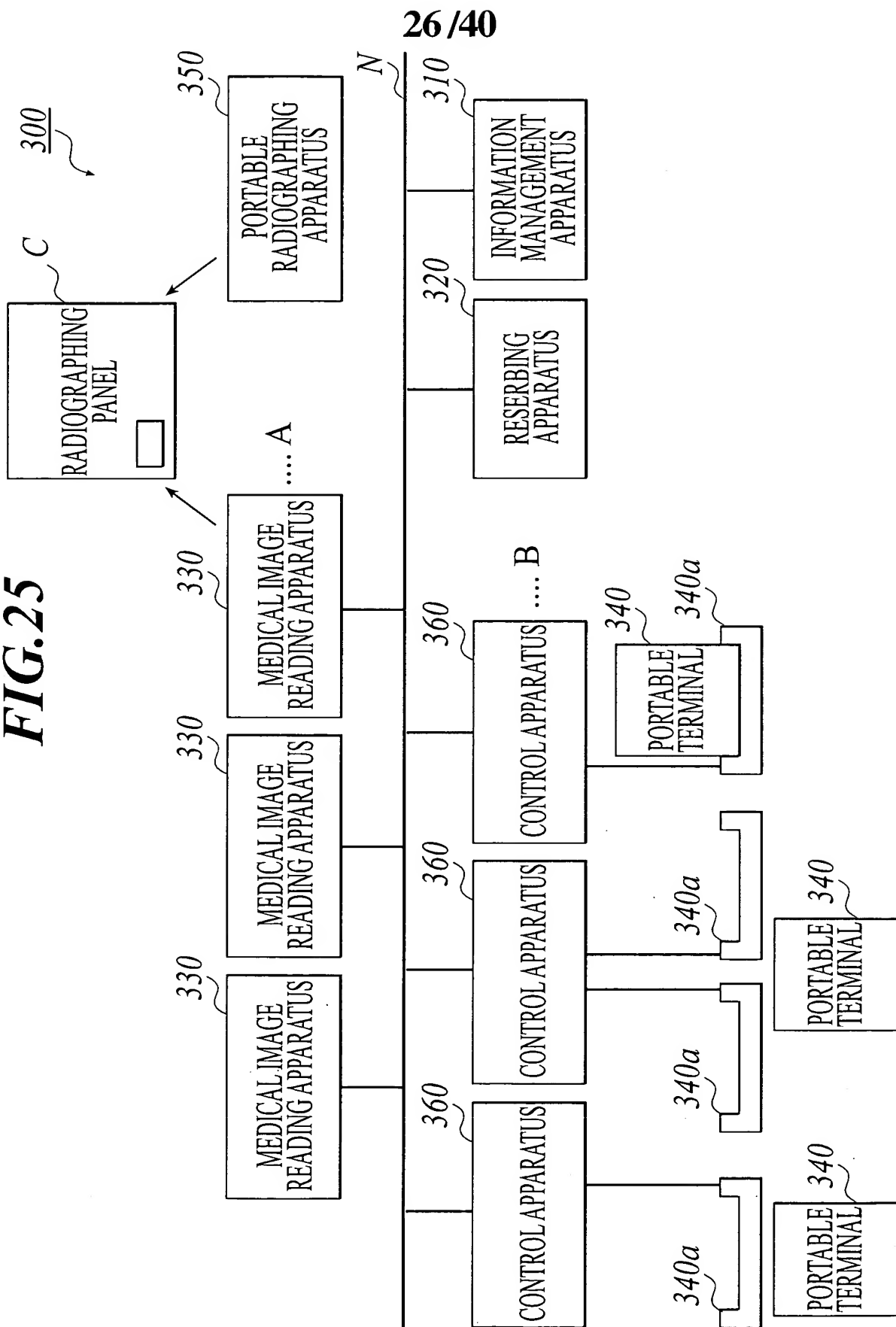
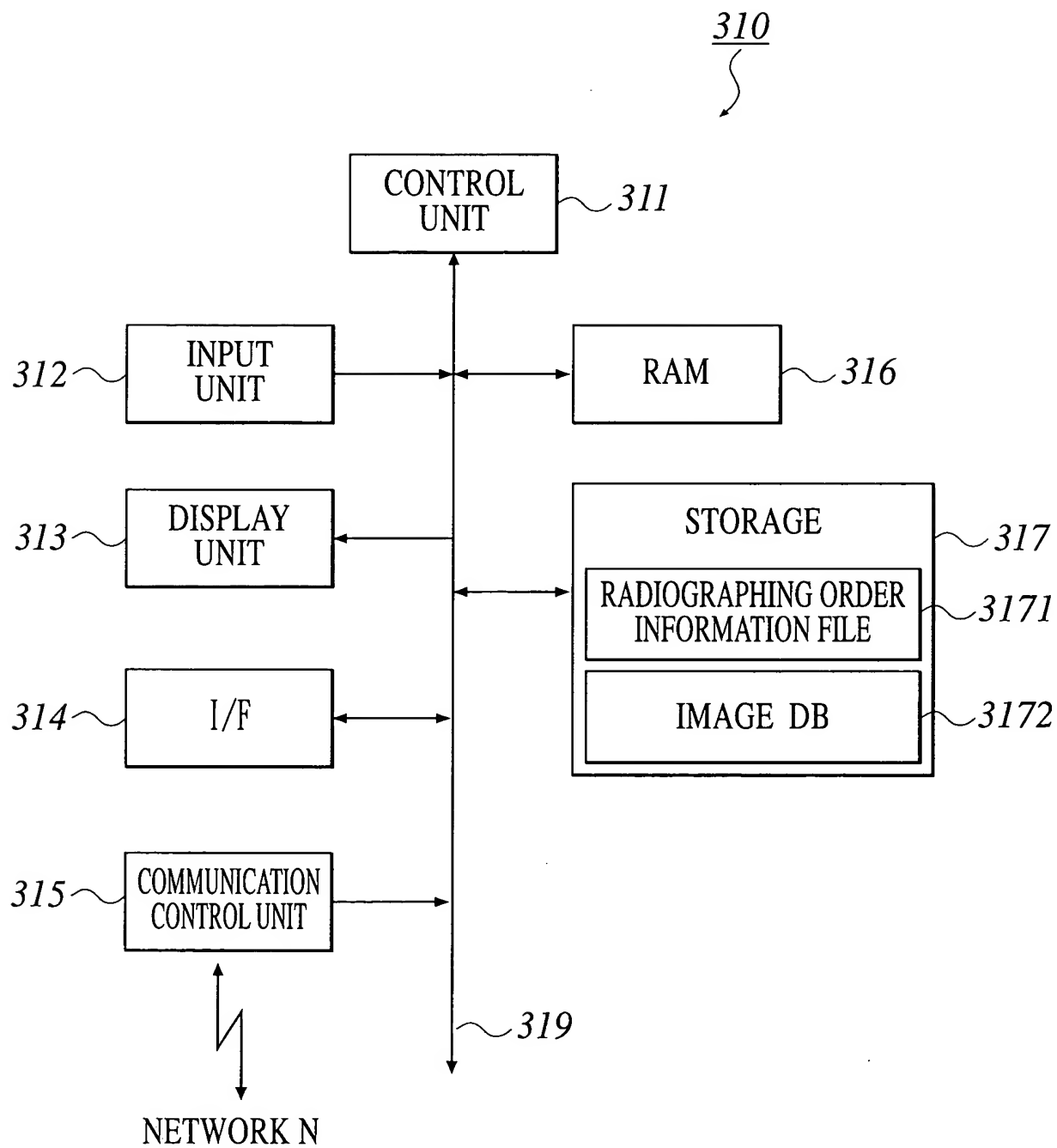


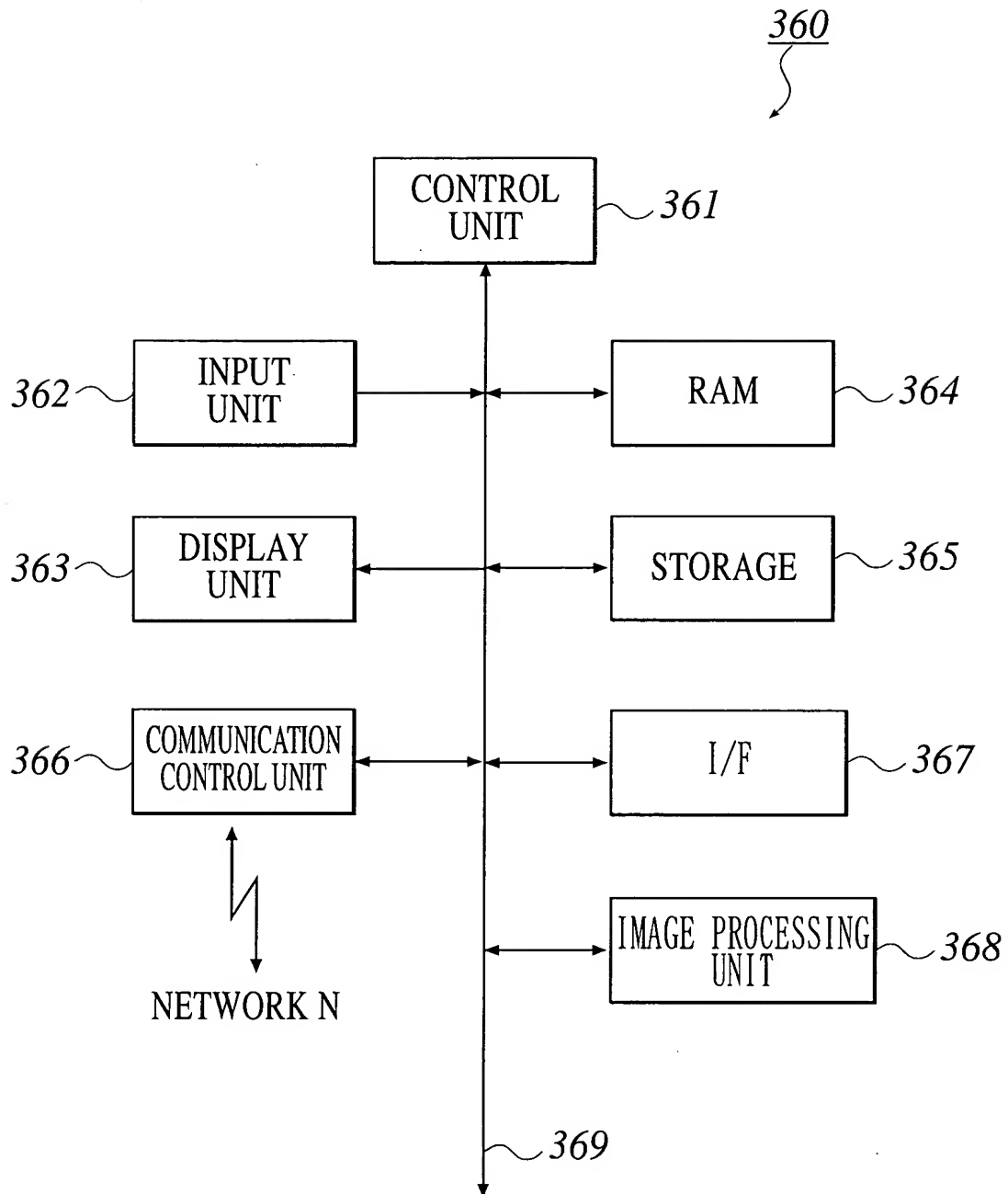
FIG. 25



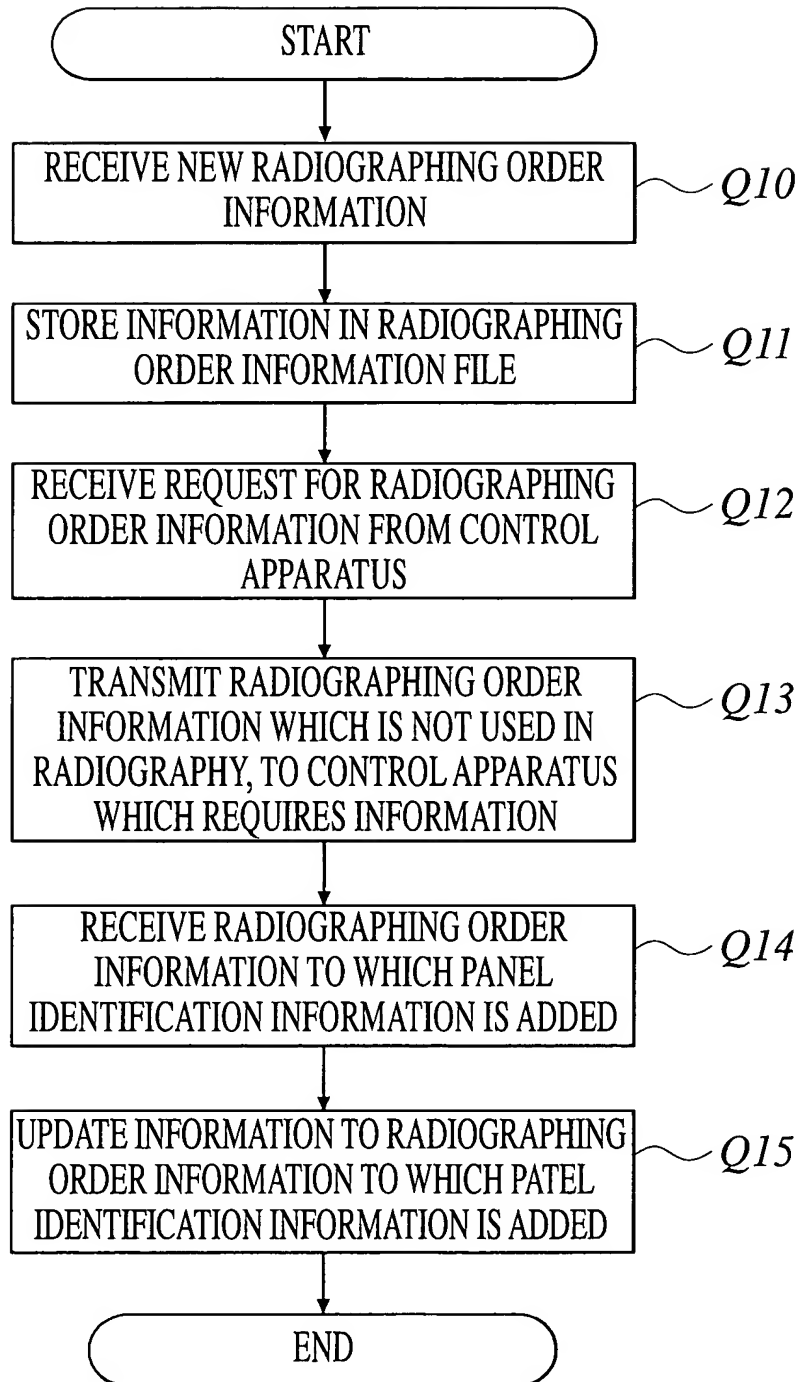
27/40
FIG.26



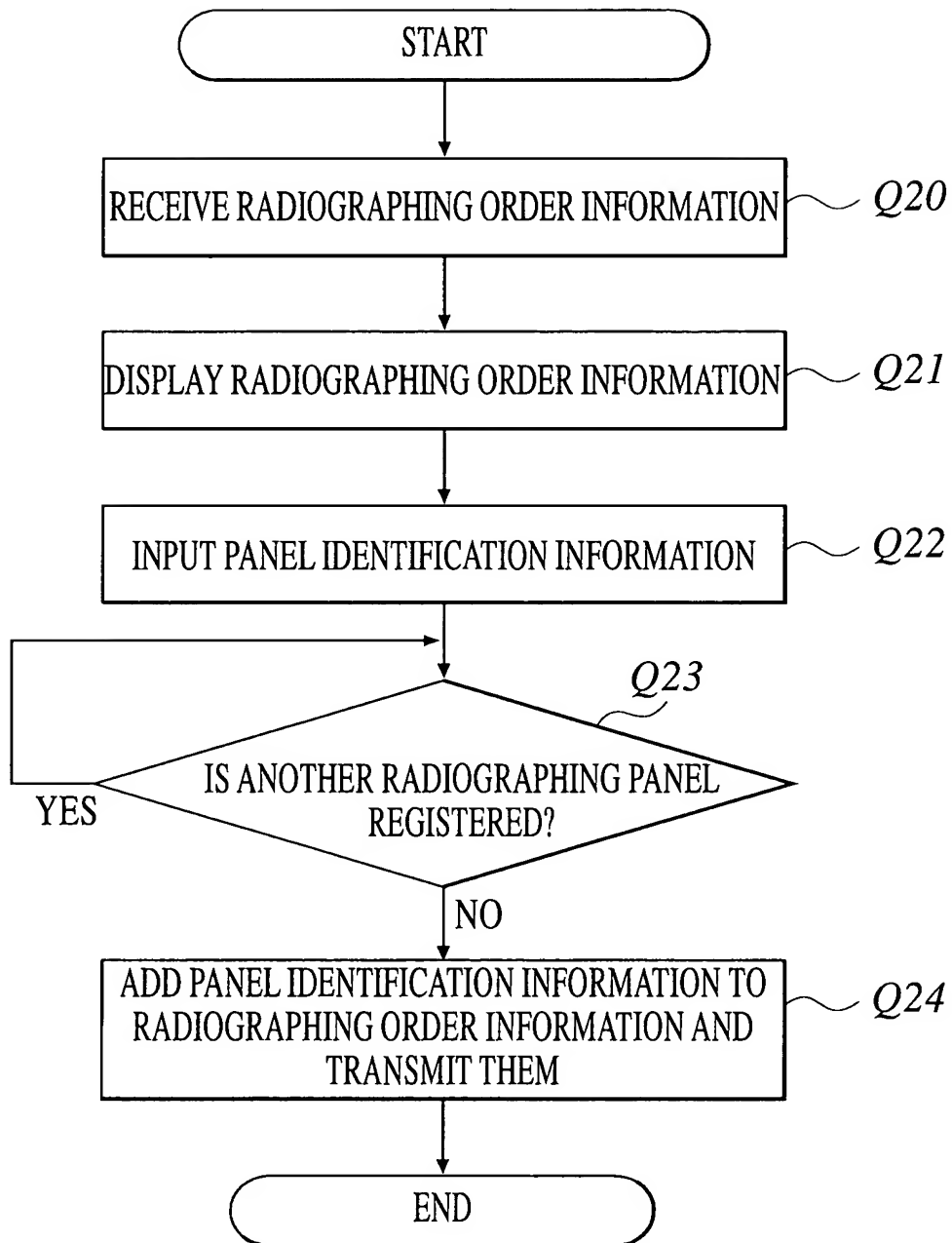
28/40
FIG.27



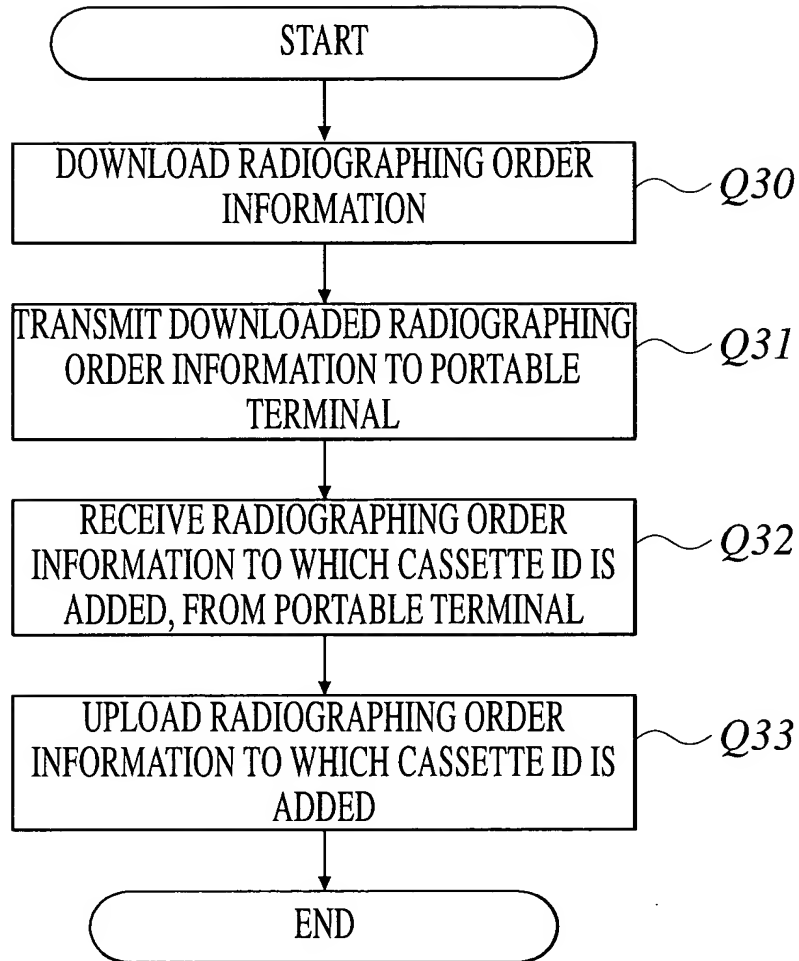
29/40
FIG. 28



30/40
FIG. 29



31 / 40
FIG. 30



32 /40
FIG.31

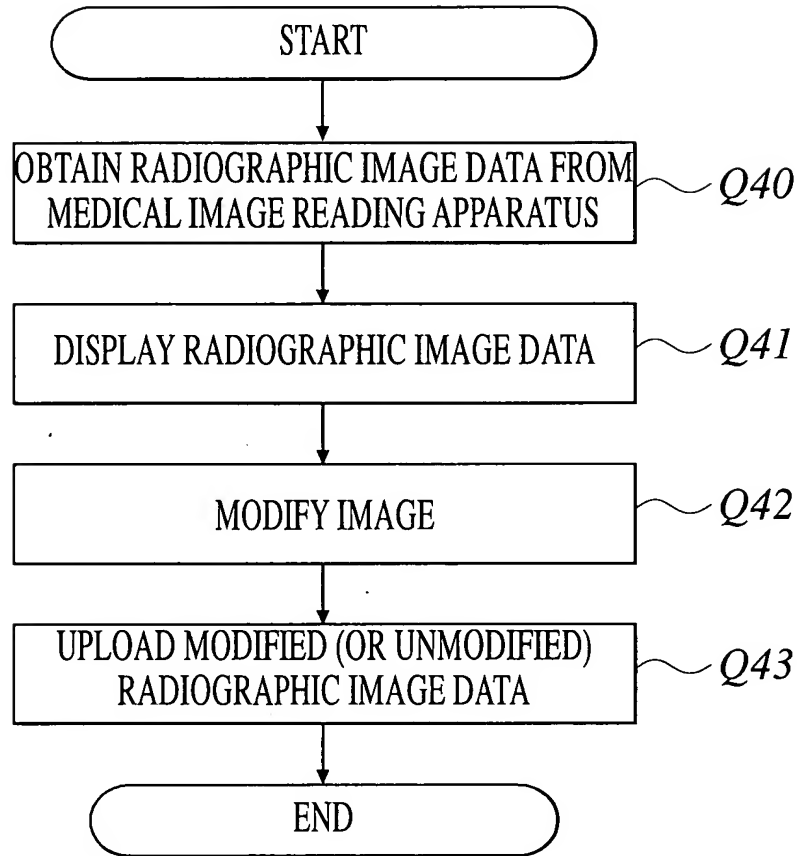


FIG.32A

FIG. 32A is a screenshot of a patient selection interface. It features a top bar with a barcode icon, a date field showing '0/2', and a button labeled 'ALL'. Below this is a table with columns for 'PATIENT ID', 'PATIENT NAME', and 'HOSPITAL WARD'. The table contains two rows of data: one for patient '0001' named 'ICHIRO YAMADA' and another for '12345' named 'TARO SAKURA'. Below the table are four empty rows. The interface is annotated with labels: 'A1' points to the top bar, 'A2' points to the table, and 'A3' points to the bottom section of the interface.

| PATIENT ID | PATIENT NAME | HOSPITAL WARD |
|------------|---------------|---------------|
| 0001 | ICHIRO YAMADA | |
| 12345 | TARO SAKURA | |
| | | |
| | | |
| | | |
| | | |

FIG.32B

FIG. 32B is a screenshot of a patient detail form. It displays information for patient 'ICHIRO YAMADA' with a 'PATIENT ID' of '0001'. The form includes fields for 'SEX' (M), 'AGE', 'HOSPITAL WARD', and 'HOSPITAL ROOM'. Below these fields are two buttons: '←' and '○'. The form is annotated with labels: 'A4' points to the 'SEX' and 'AGE' fields, 'A5' points to the 'HOSPITAL WARD' and 'HOSPITAL ROOM' fields, and 'A6' points to the 'HOSPITAL WARD' and 'HOSPITAL ROOM' fields. The form is also annotated with 'A3' pointing to the top bar.

ICHIRO YAMADA

PATIENT ID 0001

SEX M AGE

HOSPITAL WARD HOSPITAL ROOM

← ○

CHEST ETC OBLIQUE

04000108022016

CHEST ETC APICAL

CANCEL OK

FIG.33A

OPERATOR:TARO SUZUKI

FILTER

SCHEDULE 2

ITEM 0

ITEM

| PATIENT ID | TAB TYPE | PATIENT NAME | SEX | BIRTH DATE | RADIOGRAPHING CONDITION | RADIOGRAPHY COUNT | SUSPEND |
|------------|----------|---------------|------|------------|-------------------------|-------------------|-----------|
| 0001 | → | ICHIRO YAMADA | MALE | / / | CHEST ETC OBLIQUE | 0/2 | SUSPENDED |
| 12345 | ← | TARO SAKURA | MALE | / / | INFANT CHEST-AP | 0/2 | SUSPENDED |

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▽

SELECT ALL

TRANSMIT

RECEIVE

NEW/SEARCH

MODIFY

DELETE

SET CONDITION

SELECTING CONDITION

REFRESH

CONFIRMATION SCREEN

B13

B14

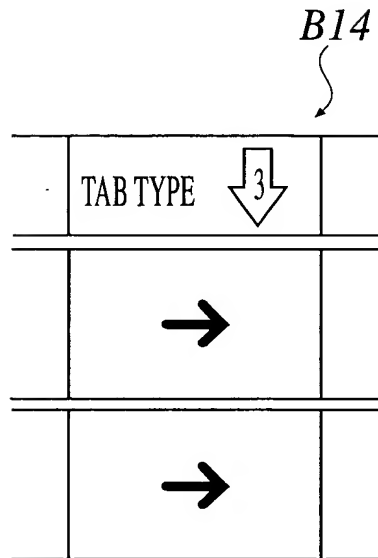
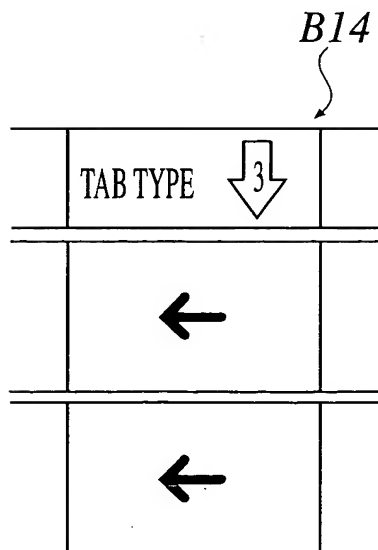
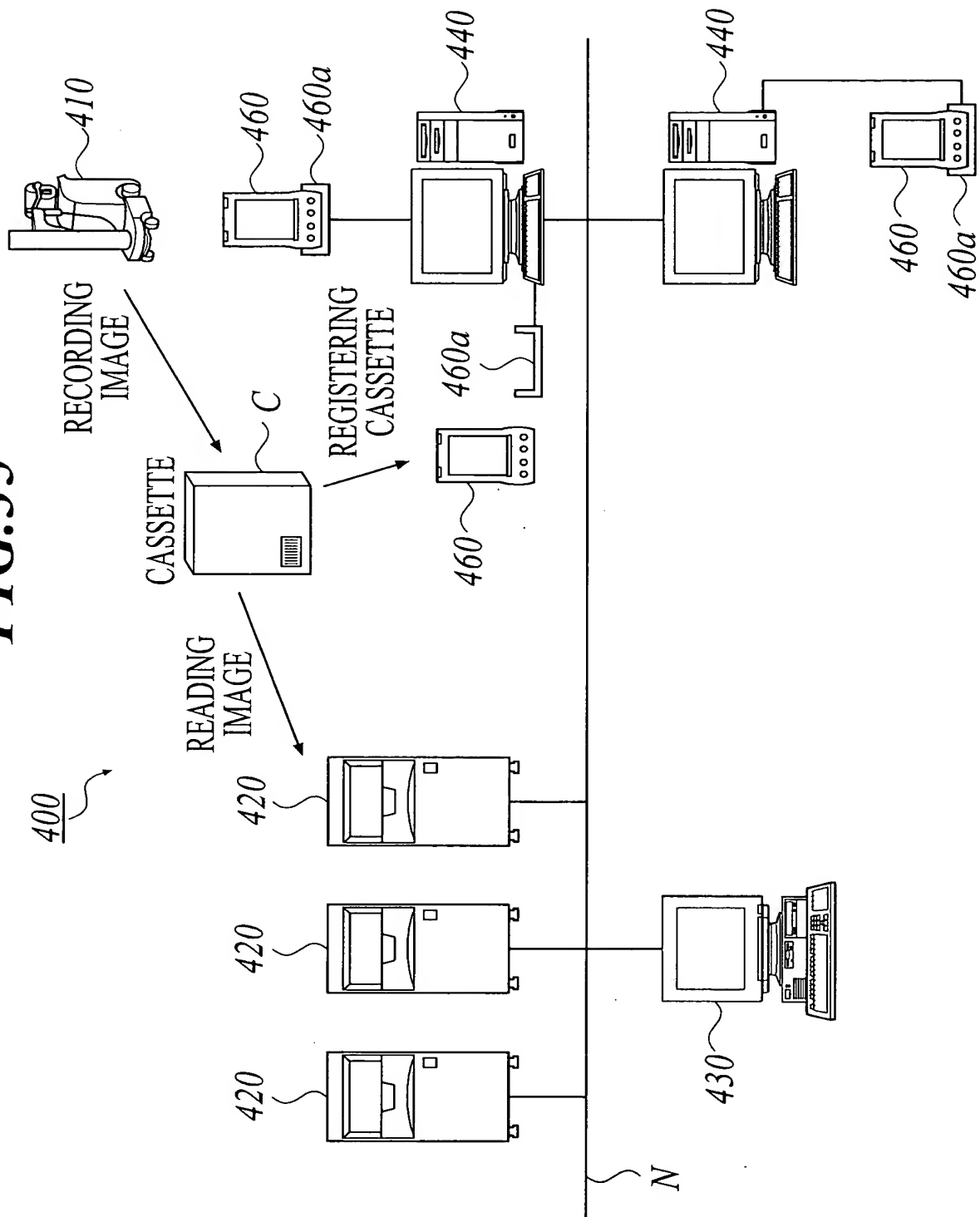
FIG.33B**FIG.33C**

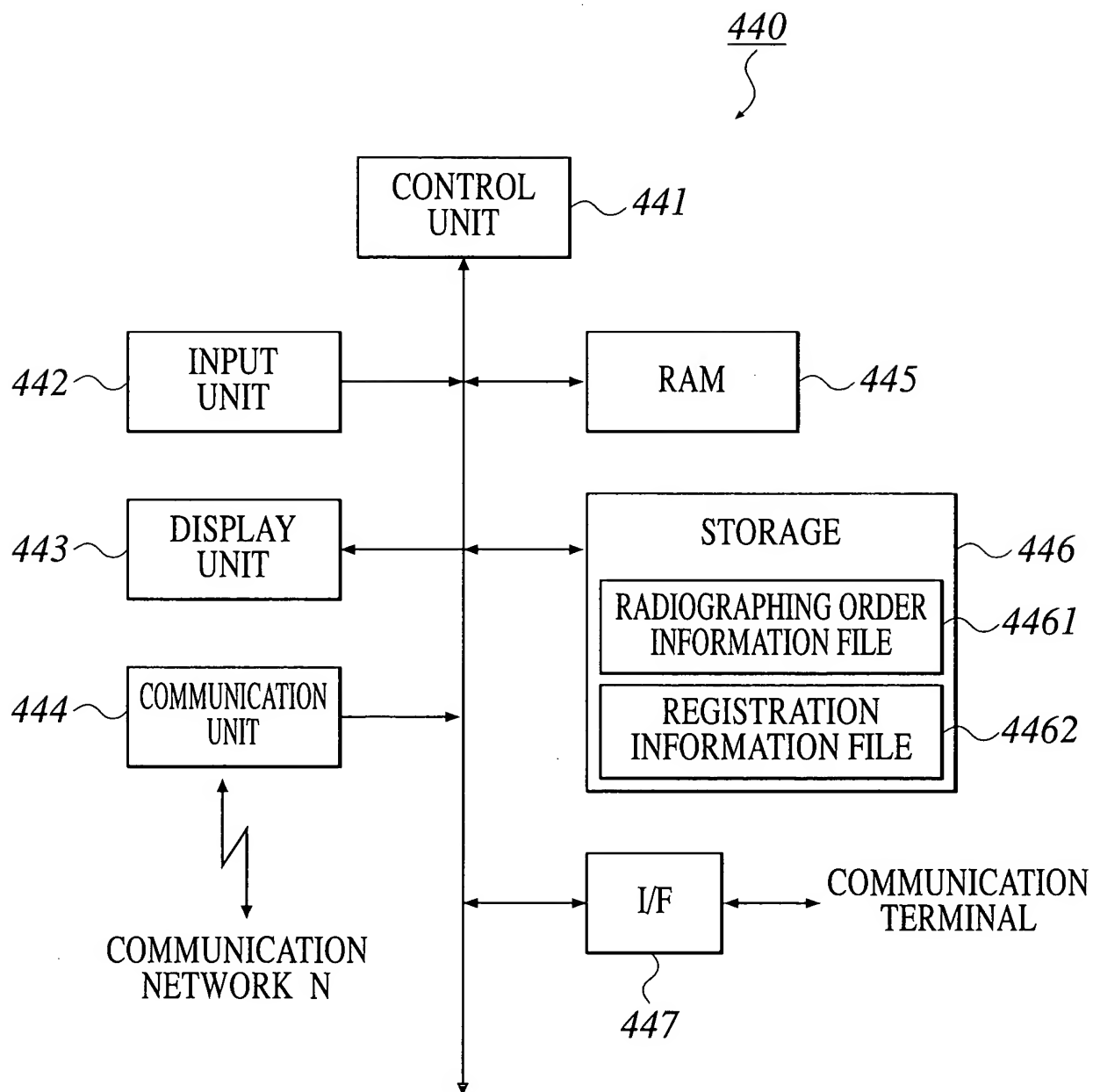
FIG.34

| OPERATOR : TARO SUZUKI | | | | MODIFY CONDITION | MODIFY PATIENT | |
|------------------------|--|--|--|--|---|-----------------------------|
| B15 | <div>PATIENT ID 0001</div> <div>PATIENT NAME ICHIRO YAMADA</div> | <div>PATIENT ID 12345</div> <div>PATIENT NAME TARO SAKURA</div> | <div>PATIENT ID 12345</div> <div>PATIENT NAME TARO SAKURA</div> | | | |
| | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=5 SERIES=1 IMAGE=1</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=6 SERIES=1 IMAGE=2</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=7 SERIES=1 IMAGE=1</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=8 SERIES=1 IMAGE=2</div> | <div>INFANT CHEST-AP</div> <div>01000108022016 101003201000120000</div> | <div>OK</div> <div>NG</div> |
| B16 | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=5 SERIES=1 IMAGE=1</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=6 SERIES=1 IMAGE=2</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=7 SERIES=1 IMAGE=1</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=8 SERIES=1 IMAGE=2</div> | <div>CHEST ETC APICAL</div> <div>01000108022016 101003201000120000</div> | <div>OK</div> <div>NG</div> |
| | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=5 SERIES=1 IMAGE=1</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=6 SERIES=1 IMAGE=2</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=7 SERIES=1 IMAGE=1</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=8 SERIES=1 IMAGE=2</div> | <div>INFANT CHEST-AP</div> <div>01001412315193 101003201000120000</div> | <div>OK</div> <div>NG</div> |
| B17 | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=5 SERIES=1 IMAGE=1</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=6 SERIES=1 IMAGE=2</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=7 SERIES=1 IMAGE=1</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=8 SERIES=1 IMAGE=2</div> | <div>CHEST ETC OBLIQUE</div> <div>01000108022016 101003201000120000</div> | <div>OK</div> <div>NG</div> |
| | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=5 SERIES=1 IMAGE=1</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=6 SERIES=1 IMAGE=2</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=7 SERIES=1 IMAGE=1</div> | <div>170</div> <div>RESOLUTION: NORMAL</div> <div>ORDER=8 SERIES=1 IMAGE=2</div> | <div>INFANT CHEST-AP</div> <div>04001041347505 101003205000110000</div> | <div>OK</div> <div>NG</div> |
| | | | | SUSPEND | COMPLETE | |

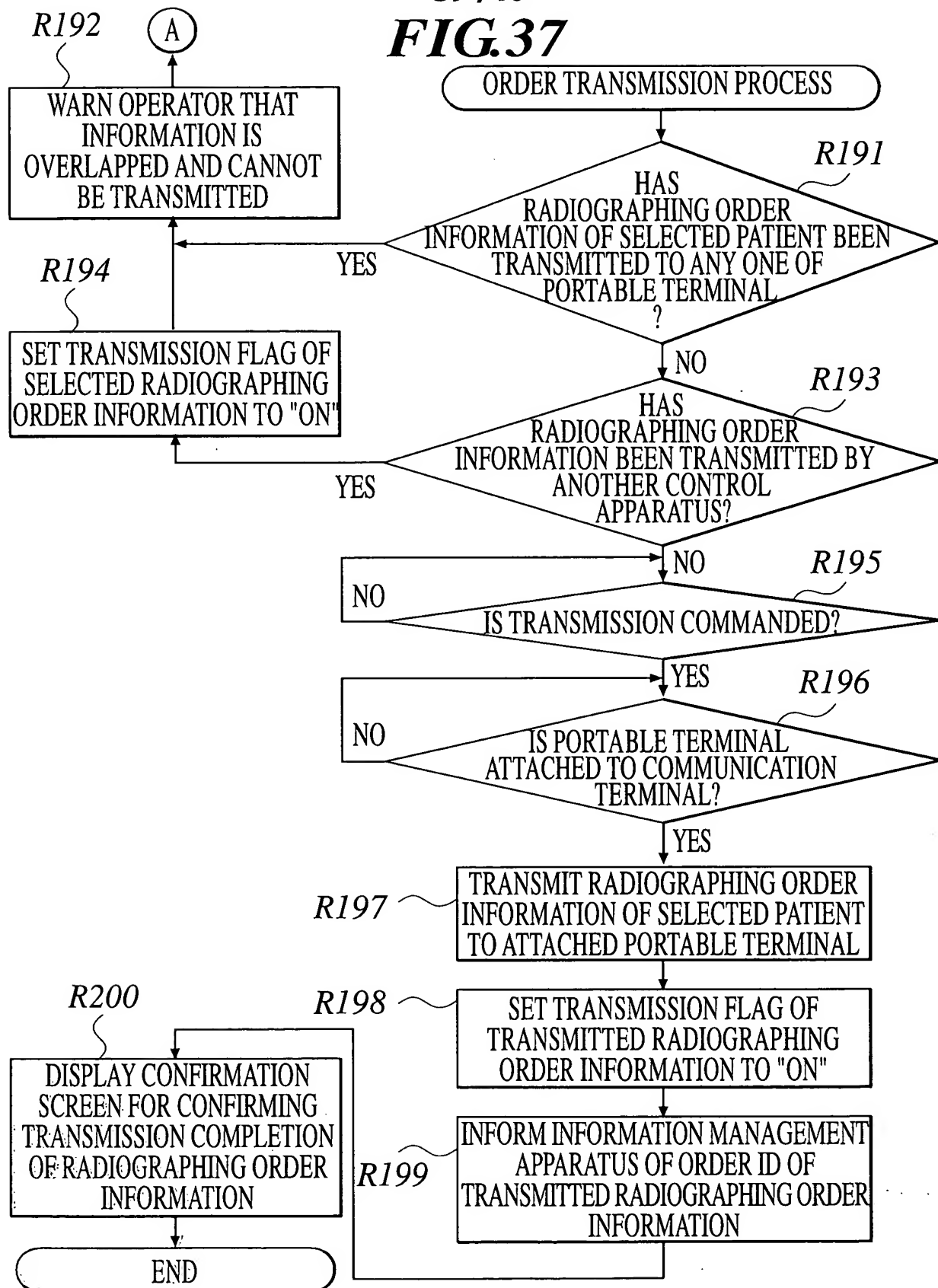
FIG.35



38/40
FIG.36



39/40
FIG.37



40/40
FIG.38

